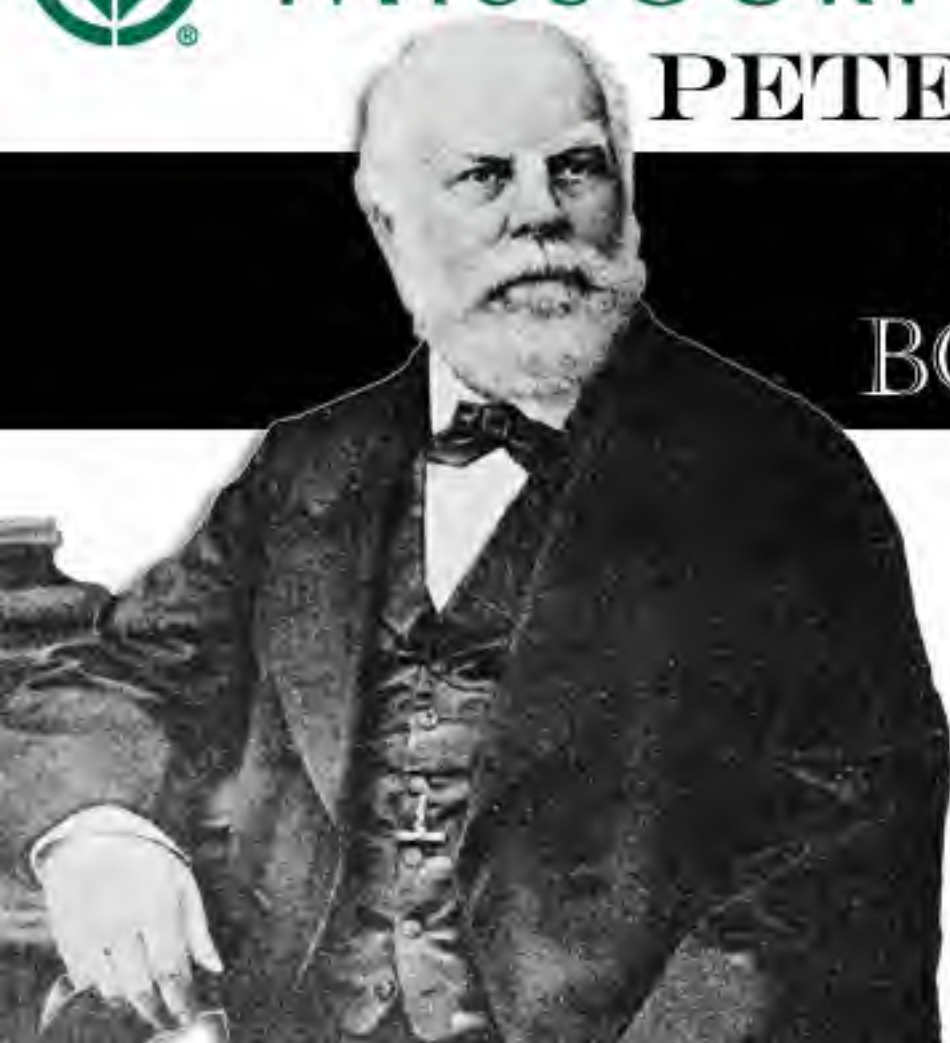




MISSOURI BOTANICAL GARDEN PETER H. RAVEN

GEORGE ENGELMANN
BOTANICAL



*Since
page
online
nu*

51.2.

754. *E. granulata*

Ischedda, Arab.

Thompson 1836

is *E. Chaumeyi*?

after second exam - Minute Nov '54
I think it is *granulata*?
too young.

E. Chaumeyi Colosae, Roum
^{smooth}
is a form with a little smaller
involucre, with small appendages
— seeds 0.55, deeply granulate



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cm

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leaves of the small
branches

Euph. melanaden
var. optunagu
S. Newberry!



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Handwritten notes, mostly illegible.



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81

Euphorbia cordifolia Ell.

S. Carolina - Texas.

β

441



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82

20

Euph. Pseudo Chamaesyce

C. A. Meyer

Ind. sem. Hort. Petrop. 1843

E. chamaesyce Pallas

Meyer in Fl. Ledeb.

Asia

Japan

E. humifusa Willd herb. 9283
sine patria

E. confusa B. in hb. Legd. Ant.
(Java)

& Zollinger. N. 641

E. goeringii Steud. M. Goer.

442-5



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83

76

Euph. albomarginata Torr & Gr.

Texas

New Mexico

California

Mexico

? *E. glaucescens* Willd HB No 2987

= *E. Kleinii* Schlecht. n. sp. = HB Wils.

In orient.

446-452



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62 ii
84

12

Loph. rotundifolia

Hook Arn !

Bot Beechey 46

Chil.

Ex hb Hook.



"suffruticosa" diffuse gleberrima
 foliis, stipulatis saepe emarginatis
 et leviter cordatis, carinatis
 stipulis ovatis, ~~marginatis~~
 deciduis
 cymis terminalibus, ~~laxis~~ paucifloris
 glandulis aequalibus, inappressatis
 filamentis defloratis mucronatis
 exsertis.



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[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]



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85,

E. Hartwegiana B.

Mexico



x 10

0.6 line

cori sharp
keel



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cm

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86

156.

Euph. orbiculata HBK !

Sta Fe de Bogota, Humboldt

455-6



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89 B

49

E. sinensis

1137

11 March
California

= *E. melanadenia* Torr.
= *Oct Whipt.*

Proc. A. A. A. IV. 135
1856

457-460

2



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89

Euph. melanadenia var. *sem undulatis* June 14 1876
 187 at Larkens P. Calif. St. Palmar 1875

X10



0.6 cm
 1.3 mm



broad appendages

X10



no appendage
 on later flowers

R. W.

erectae lignosae perenni multicaulis erectis, - ~~altis~~
 inana; foliis basi oblique deltoideo ovatis obtusis
~~longis~~ stipulis subulatis pilosis, involucris late campanulatis
 pedunculatis petiolo peraequalibus, involucris ipso brevioribus
 glandulis atropurpureis, prioribus late emarginato appendiculatis
 ultimis inappendiculatis (natis) ovatis albo villosis, stigmate erectis
 brevibus atropurpureis; capsula inana, semin. linear. transversa rug



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Leitch & Corlies

DRUGGISTS

South West
Corner Fifth
and Market
Streets.

3-4 inches high - gray or white leaves,
purple stems, glands & style.
leaves 1-2 lin long
capsule 1 lin long nearly
seed 0.6 lin long, very narrow

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cm

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90

20

E. tomentella n. y.

Mexico

Berkeley 1358 x 1360

464



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91

30

E. emarginata Bonpl.

Brasil: Sellow

462



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93

Euphorbia disticha nov. spec

Sini (Himalaya) Hügel

N 3649 Hb. Vind.

Good, Bodwin Aug 27 1860 (Euph 93,
near corrigioloides Boiss

radice perenni prostrata, ~~glaberrima~~
 foliis glaucis ^{medio} ~~sub~~ rubromaculatis
 coriaceis, oppositis distichis,
 internodiis longioribus orbiculato
 ovatis, v. oblongis basi oblique cordatis
 obtusis v. emarginatis
 nerv. nervorum latis, integris
 v. (siccis solum?) (cartilagineo
 serrulatis sub lente)
 stipulis triangularibus plerumque
 indivisis, ciliatis, denticulatis
 anthod. ad apicem ramulorum et in
 umbellulis axillis fol. super.
 umbellulis - glomeratis.
 glan. lobis albo-marginatis
 petiol. breviss. exsertis
 stylis
 sem. par. obtus. angulat. fere siccis

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resembles somewhat *E. umbellata*
but that has rough seeds,
~~the~~ more tristigmatica
or albomarginata; this last
has larger stipules; diff.
disposit. of flowers



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95

E. trachyspermum Day

464-5



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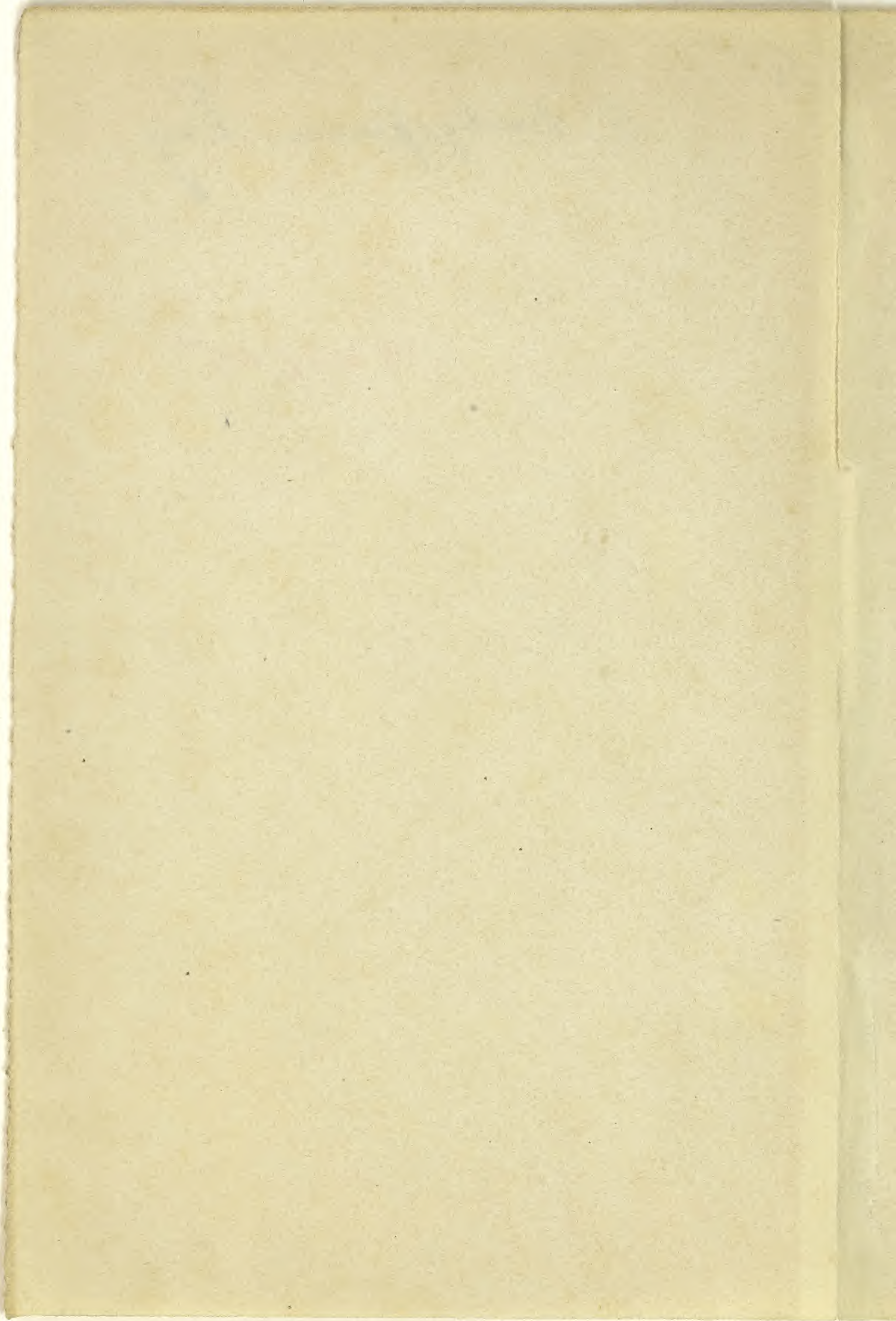
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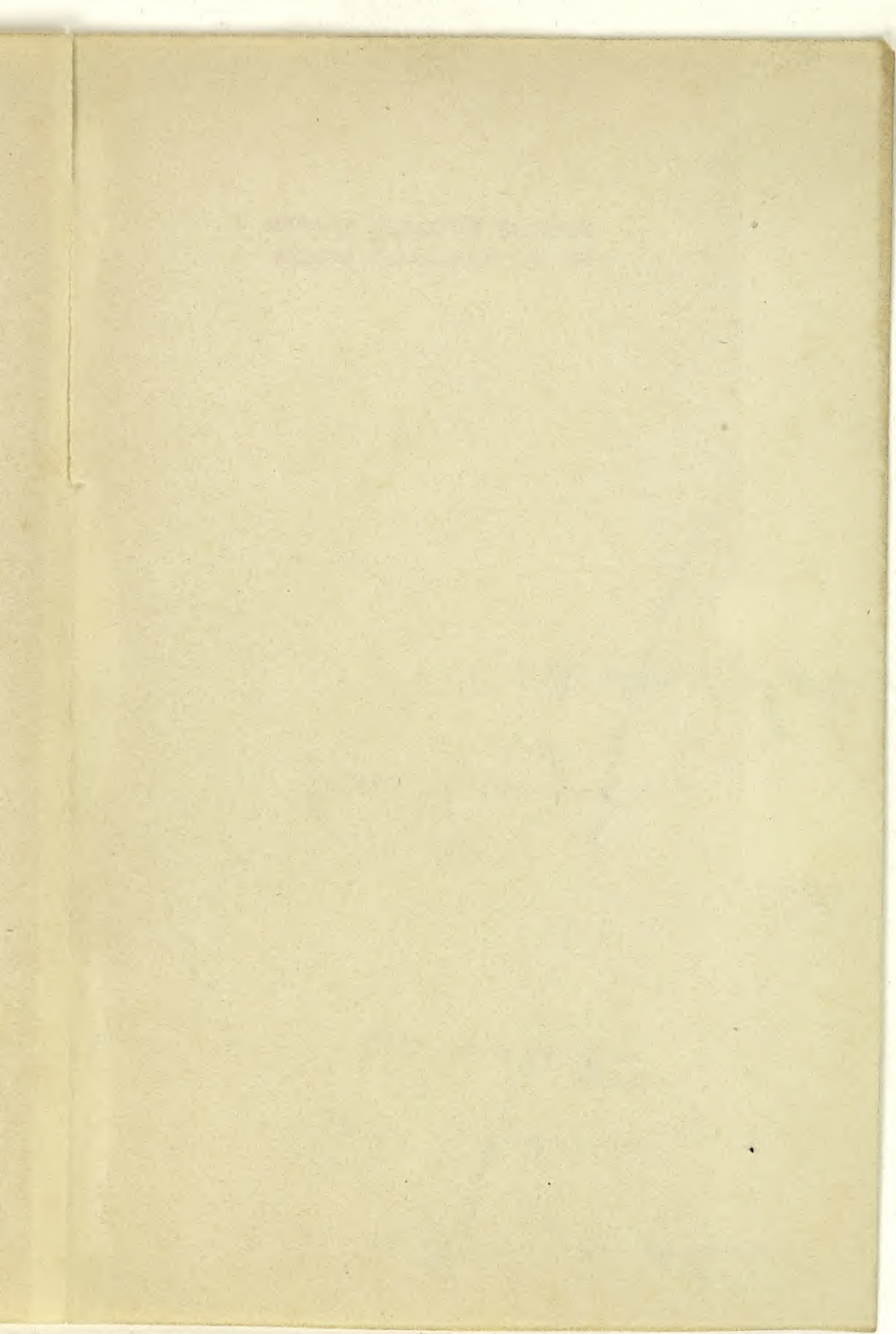
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examined

See (copy)

U. v. ...

Engl. ...

U. ...

4.5



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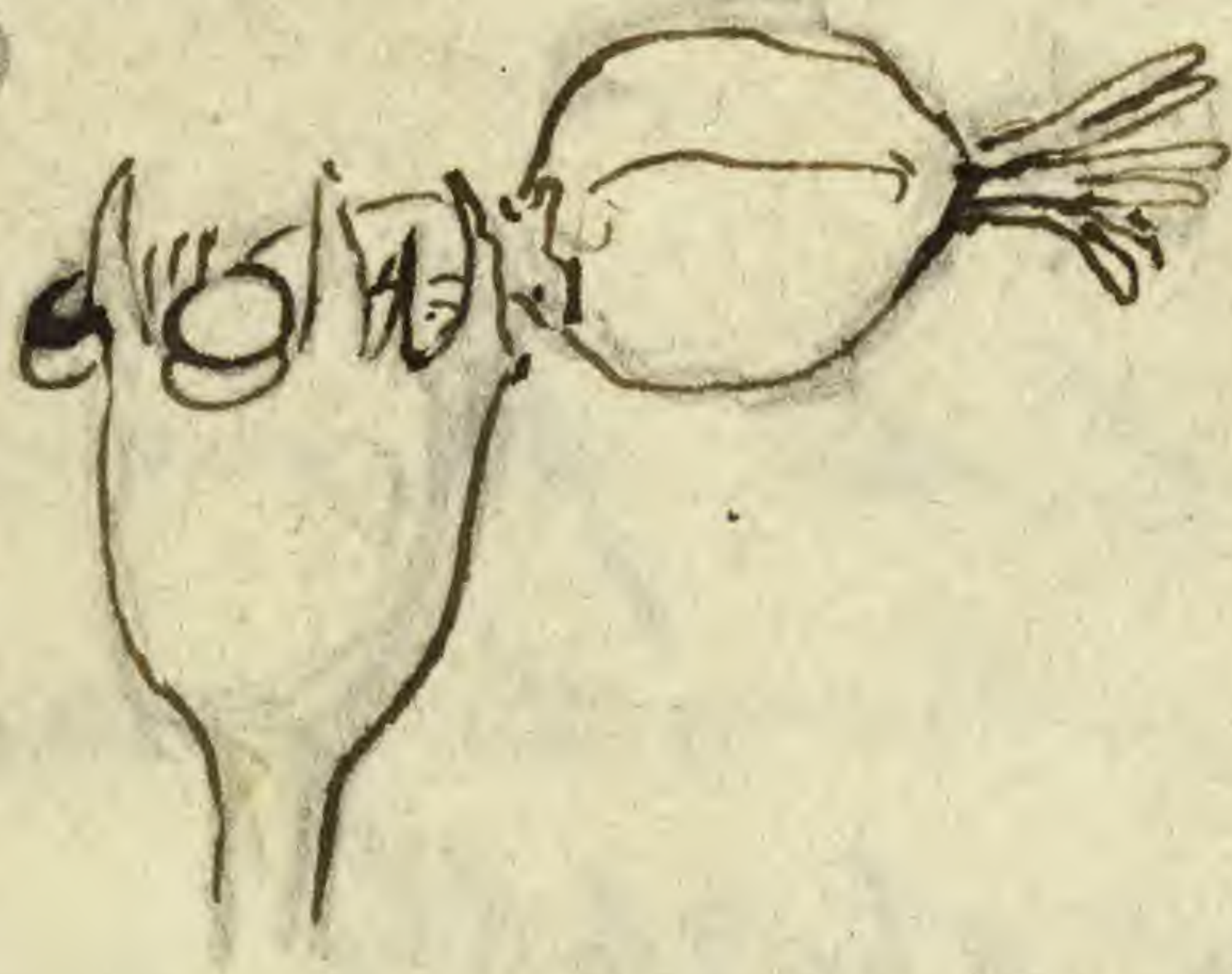
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45
105

trachyspermum E. Wright 1832
~~hypericaceae~~



caule pedalis, ann. glaberr.
folia opposita, elliptica
basi subaequalibus serratis
acutiusculis, obtusiusculis
nervis 12 l. long 3 lat.
stipulis filiformibus
latis fissis, pedunculatis
petiol. oppositis
invol. white (2 or usually)
4 fls. with very narrow
white margin. lob. lanceol
style bifid. blunt with acum.
caps obtus; sem. 4 angular



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SERI

~~Sharp angle, notch, or not~~
1.0 x 0.6




like pieces
almost smooth
or slightly pitted

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7010

1921 284



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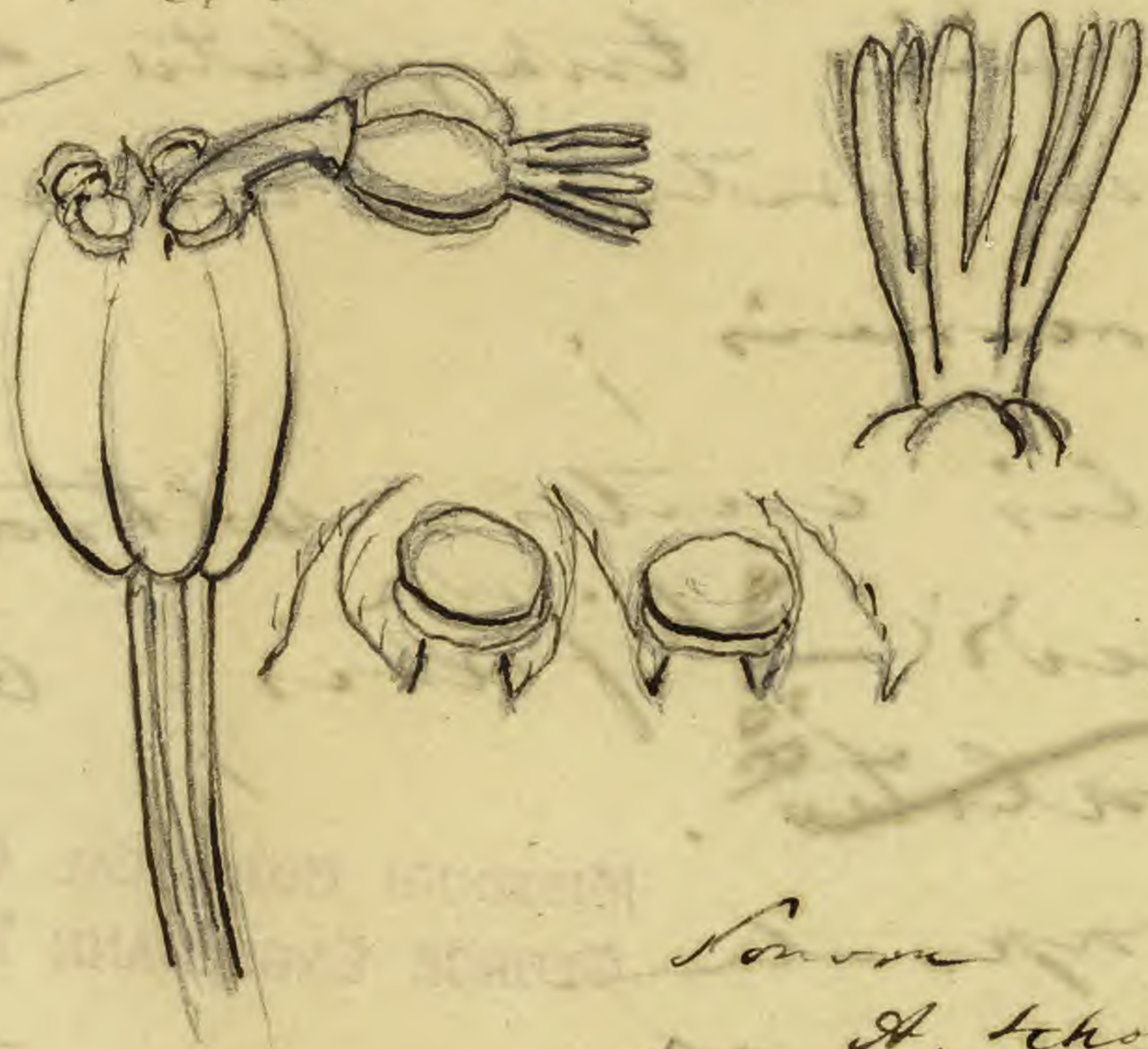
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956. *C. uricollata*

1880



Sonora

H. Schott

near *tristis* per

anther erecto patulo, glabro
 v. ut nodos paucis puberula
 foliis oblongo-linearibus sub
 aequalibus, infra glaucis
 angulo mucronato - serratis,
 basi sessilibus apice obtusis
 stipulis binis lanceolatis
 subulatis utraque fimbriatis
 antheris alaribus, longis
 pedunculatis, pedunculo angulato
 antheris uricollatis, pentagonis
 apice contractis, glandulis
 angulo vix! appressatis,



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laciniis triangulatis apice
acuminatis, orbitalis
recurvis;

stylis erectis ultra
medium bifidis, basi
coalescentibus.

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capsula
seminibus ignotis

4-6 inches high, young
specimens, - habit of
E. stipulata; leaves
10-15 l by 2-2 1/2
broad, anthers
remotely antherate
Petals 1 line - length
1.2 -

young specimens of E. stipulata.



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96

33

E. Scmula

12 May

4640



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